Delta
Environmental Consultants, Inc.

BORING/WELL NO. **CSB-5**	

SOIL BORING LOG

BORING/WELL LOCATION SKETCH MAP

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PROJECT NO./NAME **G0B5M/ARCO Facility No. 206**	LOCATION **302 West First Street** **Santa Ana, California**
DRILLING CONTRACTOR/DRILLER **Strongarm/Rogelio**	
GEOLOGIST/OFFICE **Sean Peacher/Orange County**	APPROVED BY **Dean A. Richesin, PG No. 3587**

DRILLING EQUIPMENT/METHOD **Geoprobe/Direct Push**	SIZE/TYPE OF BIT **1 1/2"/Soil**	SAMPLING METHOD **Direct Push**	START/FINISH DATE **8/22/05-8/22/05**
			TOTAL DEPTH **50.0'**

LITHOLOGY

SAMPLING DATA

Depth, feet	Graphic Log	Visual Description	Sample No. and Interval	Penetration Rate (Blows/ft.)	PID Values (ppm)
5		0 - 10 feet interval was excavated with an air vacuum extraction system and lithology was not recorded	5		
10		SAND (SP): medium to dark brown, fine to medium grained, some silt, trace gravel, loose, moist	10 CSB-5-10		11.4
15		CLAYEY SAND (SC): medium brown, fine grained, some silt, trace gravel, medium dense, moist	15 CSB-5-15		561
20		SANDY SILT (ML): medium brown, fine grained sand, loose, moist	20 CSB-5-20		3,999+
25		SILTY SAND (SM): medium brown, fine to medium grained, loose, moist	25 CSB-5-25		3,999+
30		CLAY (CL): medium brown, dense, moist	30 CSB-5-30		3,999+
35		Trace sand	35 CSB-5-35		1,375
40		SAND (SP): medium brown, fine to medium grained, trace gravel, loose, dry	40 CSB-5-40		47.2
45			45 CSB-5-45		452
50		SILTY SAND (SM): medium brown, fine grained, trace gravel, trace clay, loose, Boring terminated at 50 feet below ground surface. Groundwater was not encountered during drilling.	50 CSB-5-50		4.3

SOIL 0206.GPJ DELTAENV.GDT 11/15/05